

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### COMPARISON OF “HEMORRHOIDOPEXY” WITH OPEN HEMORRHOIDECTOMY IN TERMS OF OUTCOMES

#### Protocol summary

##### Study aim

To compare the outcomes like operating time, postoperative pain and bleeding and postoperative urinary retention with both procedures

##### Design

RCT

##### Settings and conduct

Study was conducted at department of general surgery Pakistan railway hospital Rawalpindi from Jan 2023 to Dec 2023.

##### Participants/Inclusion and exclusion criteria

Inclusion Criteria: 1. Patients diagnosed with 3rd degree hemorrhoids. Exclusion Criteria: 1. Patients who are unfit for surgery. 2. Patients who have had previous ano-rectal surgeries. 3. Patients with 1st and 2nd degree hemorrhoids.

##### Intervention groups

Patients Undergoing Haemorrhoidopexy with haemorrhoidal artery ligation

##### Main outcome variables

Operating time Length of stay Post-operative pain at day 1 and day 7 Post-operative complications like bleeding and urinary retention

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20241220064108N1**  
Registration date: **2024-12-26, 1403/10/06**  
Registration timing: **retrospective**

Last update: **2024-12-26, 1403/10/06**

Update count: **0**

##### Registration date

2024-12-26, 1403/10/06

#### Registrant information

##### Name

Muhammad Asad

##### Name of organization / entity

Riphah International University Islamabad

##### Country

Pakistan

##### Phone

+92 334 8988136

##### Email address

m.asad@riphah.edu.pk

#### Recruitment status

##### Recruitment complete

#### Funding source

##### Expected recruitment start date

2023-01-01, 1401/10/11

##### Expected recruitment end date

2023-12-01, 1402/09/10

##### Actual recruitment start date

2023-01-01, 1401/10/11

##### Actual recruitment end date

2023-12-01, 1402/09/10

##### Trial completion date

2023-12-01, 1402/09/10

#### Scientific title

COMPARISON OF “HEMORRHOIDOPEXY” WITH OPEN HEMORRHOIDECTOMY IN TERMS OF OUTCOMES

#### Public title

COMPARISON OF “HEMORRHOIDOPEXY” WITH OPEN HEMORRHOIDECTOMY IN TERMS OF OUTCOMES

#### Purpose

Treatment

#### Inclusion/Exclusion criteria

##### Inclusion criteria:

Patients diagnosed with 3rd degree hemorrhoids.

##### Exclusion criteria:

Patients who are unfit for surgery. Patients who have had previous ano-rectal surgeries. Patients with 1st and 2nd

degree hemorrhoids.

**Age**

No age limit

**Gender**

Both

**Phase**

N/A

**Groups that have been masked**

No information

**Sample size**

Target sample size: **90**

Actual sample size reached: **90**

**Randomization (investigator's opinion)**

Randomized

**Randomization description**

Participants were randomly assigned to intervention and control groups using a computer-generated random number sequence created with Randomizer.org. The allocation sequence was developed by an independent statistician and concealed in sequentially numbered, opaque, sealed envelopes. These envelopes were opened sequentially only after participant enrollment and baseline assessments, ensuring allocation concealment

**Blinding (investigator's opinion)**

Not blinded

**Blinding description****Placebo**

Not used

**Assignment**

Other

**Other design features****Secondary Ids**

empty

**Ethics committees****1****Ethics committee****Name of ethics committee**

Institutional review committee Islamic International  
Medical college Rawalpindi Pakistan

**Street address**

274- Peshawar road Rawalpindi

**City**

Rawalpindi

**Postal code**

IIMC, 274- Peshawar

**Approval date**

2023-12-12, 1402/09/21

**Ethics committee reference number**

Appl. # Riphah /IRC/ 22/2096

**Health conditions studied****1****Description of health condition studied**

3rd degree hemorrhoids

**ICD-10 code**

K64. 9

**ICD-10 code description**

K64. 9

**Primary outcomes****1****Description**

Operating time

**Timepoint**

Just at completion of intervention

**Method of measurement**

Measure time in minutes; start time to end time

**2****Description**

Length of stay

**Timepoint**

measured at time of discharge

**Method of measurement**

In days

**Secondary outcomes**

empty

**Intervention groups****1****Description**

Intervention group: Patients undergoing  
Haemorrhoidopexy with haemorrhoidal artery ligation

**Category**

Treatment - Surgery

**Recruitment centers****1****Recruitment center****Name of recruitment center**

Pakistan Railway Hospital rawalpindi

**Full name of responsible person**

Dr Muhammad Asad

**Street address**

Carriage factory road dhok hassu rawalpindi

**City**

Rawalpindi

**Postal code**

000

**Phone**

+92 334 8988136

**Email**

m.asad@riphah.edu.pk

## Sponsors / Funding sources

m.asad@riphah.edu.pk

### 1

#### Sponsor

**Name of organization / entity**

No grant taken

**Full name of responsible person**

NA

**Street address**

NA

**City**

Rawalpindi

**Postal code**

NA

**Phone**

+92 334 8988136

**Email**

m.asad@riphah.edu.pk

**Grant name****Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

No

**Title of funding source**

NA

**Proportion provided by this source**

1

**Public or private sector**

Private

**Domestic or foreign origin**

Domestic

**Category of foreign source of funding**

empty

**Country of origin****Type of organization providing the funding**

Other

## Person responsible for general inquiries

**Contact****Name of organization / entity**

Islamic International Medical College rawalpindi

**Full name of responsible person**

Muhammad Asad

**Position**

Assistant Professor

**Latest degree**

Specialist

**Other areas of specialty/work**

General Surgery

**Street address**

Cariage factory road dhok hassu rawalpindi

**City**

Rawalpindi

**Province**

Punjab

**Postal code**

000

**Phone**

+92 334 8988136

**Email**

## Person responsible for scientific inquiries

**Contact****Name of organization / entity**

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## Sharing plan

**Deidentified Individual Participant Data Set (IPD)**

No - There is not a plan to make this available

**Justification/reason for indecision/not sharing IPD**

Patient data is confidential and meant only for this study

**Study Protocol**

Undecided - It is not yet known if there will be a plan to make this available

**Statistical Analysis Plan**

Not applicable

**Informed Consent Form**

Undecided - It is not yet known if there will be a plan to make this available

**Clinical Study Report**

Not applicable

**Analytic Code**

Not applicable

**Data Dictionary**

Not applicable